

Converting Colors

Hex(BDDF84)

Have a look what the booklet for
Hex(BDDF84) contains.

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Color

Hex(BDDF84)

Conversions

Conversions Part 1

Format	Color
Hex	BDDF84
RGB	189, 223, 132
RGB Percent	74%, 87%, 52%
CMY	0.2588, 0.1255, 0.4824
CMYK	0.15, 0.00, 0.41, 0.13
HSL	82°, 59%, 70%
HSV	82°, 41%, 87%
XYZ	51.5388, 65.2601, 31.7099
YIQ	202.4600, 8.9470, -35.5090

Conversions

Conversions Part 2

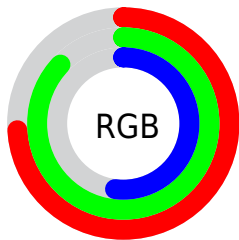
Format	Color
RYB	132, 223, 166
Decimal	12443524
CIELab	84.62, -25.97, 40.91
CIELCh	85, 48.457, 122.408
Yxy	65.2601, 0.3470, 0.4394
Android (android.graphics.Color)	4290633604 (0xFFBDDF84)
YUV	202.4600, -34.7368, -11.8044
Hunter-Lab	80.7837, -27.4912, 33.2756

Details

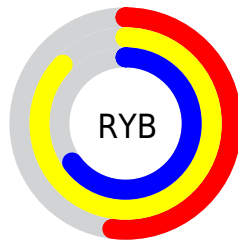
The Hex color **BDDF84** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A684DF**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **F6FFBA**, and **86A851** is the 20% darker color. If you saturate the color by 10%, you get **B5DF6E**, and if you desaturate by 10%, it is **C5DF9A**.

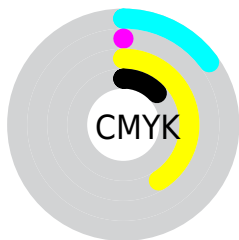
Distribution



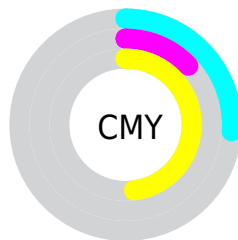
- Red (74%)
- Green (87%)
- Blue (52%)



- Red (52%)
- Yellow (87%)
- Blue (65%)



- Cyan (15%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDDF84 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BDDF84 by changing the saturation by 10% instead.

 BDDF84

 BDDF84

FFFFFF

 A1C36A

 F6FFBA

 86A851

 FFFFD6

 6C8D38

 FFFFF3

 52741F

 395B01

 214300

 042D00

 001900

 000000

 BDDF84

 BDDF84

 B5DF6E

 C5DF9A

 ACDF57

 CEDFB1

 A4DF41

 D6DFC7

 9CDF2B

 DEDFDD

 93DF15

 E7DFF3

 8CDF00

 EFDFFF

 F7DFFF

 FFDFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EDD276



BDDF84



85E8A7

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BDDF84



2AE3FF



FFAFD1

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



BDDF84



A684DF

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB6FE



BDDF84



93D7FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BDDF84



00EAFB



DDC6FF



FFB4A5

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BDDF84



56EBC6



DDC6FF



FFB0E1

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



BDDF84



F4FFE0



DFA584



79806E



000000



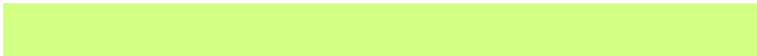
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



BDDF84



D0FF82



90DF84



6C7065



6EB000



1E3000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A684DF



B182FF



D384DF



696570



4200B0



120030

Previews

White Background



This preview shows how the Hex color BDDF84 looks on a white background.

Color Contrast Check

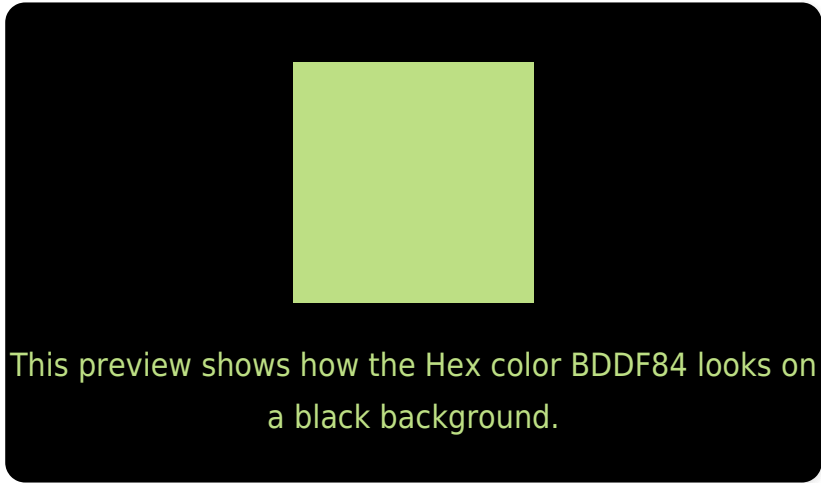
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BDDF84 Background



This preview shows how black text looks on a background with the Hex color BDDF84.

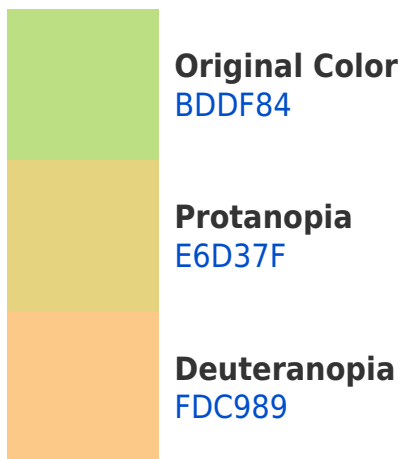


This preview shows how white text looks on a background with the Hex color BDDF84.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

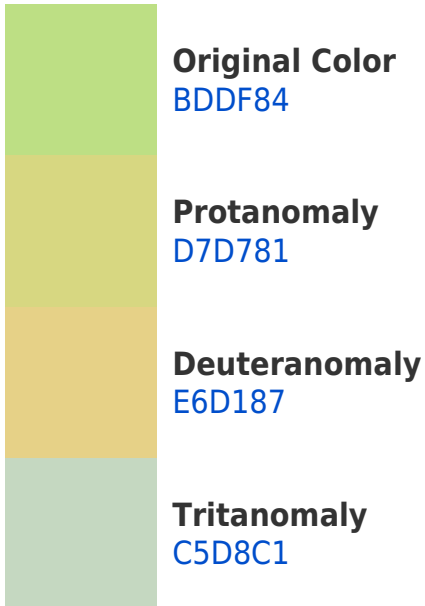
Dichromacy



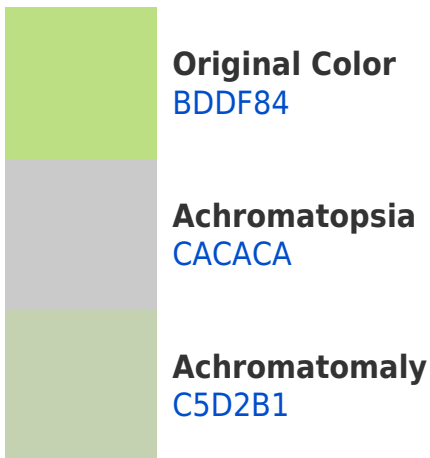


Tritanopia
CAD4E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDDF84 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BDDF84 looks like.

```
.text, #text, p{  
    color:#BDDF84  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BDDF84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDDF84
}
```

Border

The CSS property to change the border of an element to Hex BDDF84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BDDF84 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BDDF84 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BDDF84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDDF84; -webkit-box-shadow:4px 4px  
4px 4px #BDDF84; box-shadow:4px 4px 4px  
4px #BDDF84 }
```

Background

The CSS property to change the background color of an element to Hex BDDF84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDDF84 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BDDF84 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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